BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Project Division

Work Slip: As per Std Tender Documents

Name of Work: Providing Decorative / Ornamental / Pathway Lights with Poles in Parks and Footpaths and energy efficient street lights, real time street light control switches, control wires, poles ABC cable and other accessories in Ward No.01, 03 and 04

Estimate Amount:- Rs. 5,00,00,000.00/-

Name of Contractor:- Sri. MADHUSUDAN A N (SURAKSHA ELECTRICALS)

Approved amount:- 48749104.93

Tender premium:- 4.99% above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Excess amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt			
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	20
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	104.51	7237.18	756321.32	128.26	128.26	7237.18	928204.31	0.00	7237.18	0.00	928204.31	171882.99	

14	Fabricating, supplying and erecting ...aged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enamelled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7.Erection of heavy duty pole on Footpath / median 10Mt (5Mt Hb,165.1mm dia 4.85mm thick x3M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 47	Each	20.00	18019.69	360393.74	186.00	25.00	18019.69	450492.17	161.00	18019.69	2901169.57	3351661.74	2991268.01
15	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 Mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories.Single bracket 1.5 Mtr. Length	Each	20.00	1360.78	27215.57	186.00	25.00	1360.78	34019.46	161.00	1360.78	219085.32	253104.77	225889.21
17	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 25 Sqmm, 3.5 Core, (12 GI Strips - 4 x 0.8 mm)	Km	1.20	190509.46	228611.35	1.65	1.50	190509.46	285764.19	0.15	190509.46	28957.44	314721.63	86110.28

3. ಇತರೆಗಂಟು (Lumpsum/Miscellaneous Amount) ಮೊತ್ತ ...
ಅನುಮೋದನೆ ಪಡೆಯುವುದು.
4. ಕಡತ ಪರಿಶೀಲನೆ ...

21	Earth work excavation for cable trench of 0.4 to 0.6 Mtr. Width and Depth upto 1 Mtr including trial pits, depositing on bank upto a lead of 50 Mtr, Supplying and Displaying necessary Danger Boards and Lighting. Using sight Rails and Sign Boards at every 100 Mtr wherever necessary as directed In Ordinary Soil	Cum	480.00	272.96	131020.21	577.44	577.44	272.96	157617.32	0.00	272.96	0.00	157617.32	26597.10
22	Refilling the cable trenches with selected available earth from trench excavation including watering, consolidation in layers of 15 cm. Thickness including depositing of the surplus earth with a lead of 200 Mtr	Cum	480.00	60.92	29240.97	577.44	577.44	60.92	35176.88	0.00	60.92	0.00	35176.88	5935.92
23	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:2010 4C X 1.5Sq.mm	Mtrs	1500.00	92.40	138594.89	2256.00	1875.00	92.40	173243.62	381.00	92.40	35203.10	208446.72	69851.83
37	Supply of 1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	5.00	208355.99	1041779.94	7.79	6.25	208355.99	1302224.93	1.54	208355.99	320451.51	1622676.44	580896.50
38	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection	Nos	120.00	191.08	22929.71	360.00	360.00	191.08	68789.14	0.00	191.08	0.00	68789.14	45859.43
39	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of Pole Clamp and Eye Hook)	Nos	10.00	156.41	1564.10	25.00	25.00	156.41	3910.25	0.00	156.41	0.00	3910.25	2346.15
41	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	5.00	27128.79	135643.96	7.79	7.79	27128.79	211279.03	0.00	27128.79	0.00	211279.03	76635.07

Installation of Insulation piercing connector for Main to Street Light Main : 16-95 Sqmm, Tap: 1.5-10 Sqmm (EP95)	Nos	120.00	71.40	8567.79	360.00	360.00	71.40	25703.37	0.00	71.40	0.00	25703.37	[illegible]
Fixing of Dead End Clamp	Nos	10.00	305.57	3055.73	25.00	25.00	305.57	7639.32	0.00	305.57	0.00	7639.32	[illegible]
47 Supply and erection of 3 Mtr long Aluminium decorative Pole with 60 watt LED Light made out of single piece extruded alluminium 75x150mm with 3 MM thickness,self "U" type in built grove for strip lighting with same dimension attached Square arm of size 600x600mm curvature at the top with Two nos of Light, Blue/pinck colour Strip Light should be conduted along the Pole and Square light on liner side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height as per the Drawing enclosed . Model name & Make .Square super , Emerald Lighting Solutions or any equalent	Nos	30.00	42469.13	1274074.04	40.00	40.00	42469.13	1698765.38	0.00	42469.13	0.00	1698765.38	[illegible]

Laying of UG Cables by trenchless technology by adopting horizontal boring & Drawing of cable including preparation at site With HDPE Pipe i) Normal soil 5/6" bore size	Mtrs	156.00	890.33	138892.00	304.00	195.00	890.33	173615.01	109.00	890.33	97046.34	270661.34	131769.34	
Grand total				**48749104.93**				**39159274.10**			**7653804.69**	**46813078.78**	**4860452.33**	

Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

Approved Amount =	**48749104.93**
Excess Amount =	**4860452.33**

Percentage of Worslip = $\frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$

Percentage of Worslip =	**9.97** %

Contractor

Assistant Engineer
Yelahanka Project Division

Assistant Executive Engineer
Yelahanka Project Division

Executive Engineer
Yelahanka Project Division

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ಯಲಹಂಕ ವಲಯ
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